|             | Index of Claims |                     |          |                         |                    |              |           |           |             |           |                             |       |            |  | Application/Control No. |                |          |                    |                    |            |           |          |                 |     | Applicant(s)/Patent under Reexamination |             |          |                 |           |           |           |           |              |          |           |     |     |     |
|-------------|-----------------|---------------------|----------|-------------------------|--------------------|--------------|-----------|-----------|-------------|-----------|-----------------------------|-------|------------|--|-------------------------|----------------|----------|--------------------|--------------------|------------|-----------|----------|-----------------|-----|---|-------------|----------|-----------------|-----------|-----------|-----------|-----------|--------------|----------|-----------|-----|-----|-----|
|             |                 |                     | Ш        |                         |                    |              |           |           |             |           |                             |       |            |  |                         |                |          | 09/940,635         |                    |            |           |          |                 |     |   |             |          | ASGHARI-KAMRANI |           |           |           |           |              |          |           | ETA | NL. |     |
|             |                 |                     | ١        |                         |                    |              |           |           |             |           |                             |       |            |  |                         |                | E        | Examiner           |                    |            |           |          |                 |     |   |             | •        | Art Unit        |           |           |           |           |              |          |           |     |     |     |
|             |                 |                     |          |                         |                    |              |           |           |             |           |                             | 9 6 1 |            |  |                         |                | A        | Abdulhakim Nobahar |                    |            |           |          |                 |     |   |             | 2132     |                 |           |           |           |           |              |          |           |     |     |     |
|             | √ Rejected      |                     |          |                         |                    |              |           |           | -           |           | (Through numer<br>Cancelled |       |            |  |                         | ral)           |          |                    | N                  | Non-Elect  |           |          | ed              |     | A                                       | Appeal      |          |                 |           |           |           |           |              |          |           |     |     |     |
|             | =               |                     |          | Allowed                 |                    |              | 1         |           |             | +         |                             |       | Restricted |  |                         |                |          |                    |                    | l interfer |           |          | ren             | nce |   | 0           | Objected |                 |           |           |           |           |              |          |           |     |     |     |
| Claim       | Claim           |                     |          | Date                    |                    |              |           |           | _           |           |                             | Claim |            |  |                         |                |          | Date               | ;                  | _          |           |          |                 | Cla | im                                      |             | •        |                 |           | Date      |           |           |              | ٦        |           |     |     |     |
|             | Final           |                     |          |                         |                    |              |           |           |             | П         |                             |       |            | <u> </u>                                     |                         |                | Γ        |                    | $\Box$             |            | Ĩ         |          |                 | Ī   |   |             | П        | $\top \top$     |           | П         | TTIT      |           |              | Т        |           |     |     |     |
| Final       | <b>5</b> 1      | 8000                | -        |                         | ı                  |              | ١         | l         |             | -         | ļ                           |       | Final      | Original                                     |                         |                |          |                    |                    |            |           |          |                 | ١   | Final                                   | Original    |          |                 |           |           |           | -         | 1            | ١        |           |     |     |     |
|             | 2               | Œ                   |          |                         | L                  |              |           |           | _           |           |                             |       | _          | <u>.                                    </u> | L                       | L              |          | L                  |                    |            | $\bot$    |          |                 |     |   |             | Ц        |                 |           |           | $\perp$   | $\perp$   |              | ┙        |           |     |     |     |
|             |                 | Y                   | _        | $\vdash$                | $oldsymbol{\perp}$ | $\bot$       | 1         | 4         | _           | 4         | _                           | -     |            | 51<br>52                                     | -                       | ┞              | ╀        |                    | $\dashv$           | $\dashv$   | _         |          | $\dashv$        | ŀ   |   | 101         | Н        | $\dashv$        | -         | 4         | +         | 4         | 4            | +        | 4         |     |     |     |
|             | 2               | $+\!\!+\!\!\!+$     | _        | ╁                       | ╁                  | ╁            | +         | ╅         | ┨           | $\dashv$  | ᅴ                           | 1     |            | 53   | ╁                       | ┝              | ┝        | H                  | $\dashv$           | ᅱ          | ┪         | $\dashv$ | $\dashv$        | ŀ   | $\dashv$                                | 102         | H        | $\dashv$        | $\dashv$  | $\dashv$  | +         | +         | ┪            | +        | ┨         |     |     |     |
|             |                 | 丌                   | _        | T                       | T                  | $\downarrow$ | ‡         | 丰         |             | 口         | コ                           | l     |            | 54   | L                       |                | Г        |                    |                    | コ          |           |          | $\Box$          | ļ   |   | 104         |          | $\Box$          | コ         | 1         | $\Box$    | $\bot$    | $\downarrow$ | 丰        |           |     |     |     |
|             | 5               | 4                   | _        | $\vdash$                | +                  | +            | +         | +         | 4           | _         | $\dashv$                    | ŀ     |            | 55<br>56                                     | $\vdash$                | -              | -        |                    | $\vdash$           | $\dashv$   | $\dashv$  | -        | $\dashv$        | ŀ   |   | 105<br>106  | $\vdash$ | $\dashv$        | +         | +         | +         | +         | +            | +        | 4         |     |     |     |
|             | <u>z</u>        | J                   | _        | t                       | +                  | ╁            | +         | +         | ᅦ           | ᅱ         | ᅱ                           | ł     |            | 57   | t                       | ╁              | $\vdash$ |                    |                    | ┪          | ᅥ         | ᅱ        | $\dashv$        | ŀ   | $\dashv$                                | 107         | $\vdash$ | $\dashv$        | +         | +         | $\forall$ | $\dagger$ | $\dashv$     | +        | ┪         |     |     |     |
| — h—        | 8               | Σ                   | _        |                         | 1                  |              | 1         | 1         | 耳           |           | $\Box$                      |       |            | 58   | 匚                       |                |          |                    |                    | $\Box$     | $\exists$ |          | $\Box$          |     |   | 108         |          | $\Box$          | $\Box$    | 7         | 1         | 1         | 1            | 1        | ]         |     |     |     |
| <del></del> | 7               | $\dashv$            |          | ┿                       | ╀                  | +            | +         | +         | 4           | 4         | 괵                           | - }   |            | 59<br>60                                     | ╀                       | ┡              | ┞        | L                  | $\dashv$           | -          | 4         | -        | $\dashv$        | -   |   | 109<br>110  | Н        | $\dashv$        | 4         | $\dashv$  | +         | +         | +            | +        | 4         |     |     |     |
|             | 0               | $\dashv$            | _        | ╁                       | ╁                  | ╁            | +         | +         | $\dashv$    | ┪         | ᅱ                           | }     |            | 61   | 十                       | ┢              | ┢        | -                  |                    | -          |           | $\dashv$ |                 | ŀ   |   | 111         | Н        | -               | +         | +         | $\dashv$  | +         | +            | 十        | $\dashv$  |     |     |     |
| 1           | 2               |                     |          |                         | 上                  |              | I         | 1         |             |           |                             | Ì     |            | 62   |                         |                |          |                    |                    |            |           |          |                 |     |   | 112         |          |                 |           | _         |           |           |              |          |           |     |     |     |
|             | 3               | $\perp$             | _        | -                       | -                  | 1            | 4         | 4         | $\dashv$    | 4         | $\dashv$                    |       |            | 63<br>64                                     | ╄-                      | -              | ╄        | _                  |                    | -          | 4         | _        |                 | ┝   |   | 113<br>114  |          |                 | 4         | 4         | 4         | +         | 4            | +        | 4         |     |     |     |
|             | 5               | $\vdash$            |          | ╁                       | ╁                  | ╫            | +         | ╅         | -           | ᅱ         | $\dashv$                    | 1     |            | 65   | ╁╾                      | ┢              | ┢        | -                  |                    | $\dashv$   | $\dashv$  | $\dashv$ | $\dashv$        | ŀ   |   | 115         | $\vdash$ |                 | $\dashv$  | +         | ╅         | +         | $\dashv$     | +        | +         |     |     |     |
|             | 6               | $\Box$              |          | T                       | 士                  |              | 1         | 士         |             | $\exists$ |                             | Ì     |            | 66   | 仜                       |                | 仜        |                    |                    |            |           |          | ゴ               | į   |   | 116         |          |                 |           |           | 士         | 1         | 士            |          |           |     |     |     |
|             | 7               | $\Box$              | _        | $oldsymbol{\downarrow}$ | ╀                  | $\bot$       | 4         | 4         | 4           | 4         | _                           |       |            | 67   | ╄                       | _              | <u> </u> | ļ                  |                    | -          | 4         | $\dashv$ | $\dashv$        | ┝   | $\dashv$                                | 117         | Ш        |                 | 4         | 4         | 4         | 4         | +            | 4        | 4         |     |     |     |
|             | 8               | $\vdash$            | _        | +                       | +                  | +            | ╁         | +         | -           | $\dashv$  | $\dashv$                    |       | _          | 68<br>69                                     | ╁                       | ┢              | ┢        | -                  | $\dashv$           | $\dashv$   | $\dashv$  | $\dashv$ | $\dashv$        | ŀ   | $\dashv$                                | 118.<br>119 | Н        | -               | ┪         | ┪         | ┪         | +         | +            | ╅        | $\dashv$  |     |     |     |
|             | 0               |                     |          | İ                       | t                  | 1            | 1         | 土         |             |           |                             | Ì     | _          | 70   |                         |                | 匚        |                    |                    |            |           |          | $\exists$       | į   |   | 120         |          | $\Box$          |           | コ         | $\exists$ | 1         | 1            | 士        | I         |     |     |     |
|             | Ħ               |                     | <u> </u> |                         | L                  | Ţ            | 4         | $\perp$   | _           | _         | _                           |       |            | 71   | _                       |                | L        | L                  |                    | _          | _         |          | Ц               | -   |   | 121         |          | $\dashv$        | -         | 4         | $\dashv$  | 4         | 4            | +        | 4         |     |     |     |
| 2           | 2               | $\vdash$            | _        | ╁                       | ╁                  | +            | ╫         | +         | -           | $\dashv$  | $\dashv$                    | ŀ     |            | 72<br>73                                     | ╁                       | ┢              | ╀╾       | ┝                  | $\vdash$           | -          | -         | -        | $\dashv$        | ŀ   |   | 122<br>123  |          |                 | ┪         | ┪         | +         | +         | +            | +        | $\dashv$  |     |     |     |
| 2           | 4               |                     |          | T                       | L                  | 1            | 土         |           |             |           |                             |       |            | 74   | L                       |                | 匚        |                    |                    |            |           |          |                 | Į   |   | 124         |          |                 |           |           | 1         | 士         |              | I        | 1         |     |     |     |
| 2           |                 | П                   | _        | I                       | Ţ                  | 1            | 1         | $\Box$    | $\Box$      | _         | _                           |       |            | 75   |                         |                | L        |                    | $\Box$             |            | _         | _        | $\Box$          |     |   | 125         | Ш        |                 | 4         | 4         | 4         | 4         | 4            | 4        | 4         |     |     |     |
| 2           |                 | $\vdash \vdash$     | _        | ╁                       | ╁                  | +-           | +         | +         | $\dashv$    | -         | -                           |       |            | 76<br>77                                     | ╁                       | ┢              | ╁        | -                  | $\left  - \right $ | -          | -         | $\dashv$ | $\dashv$        | }   |   | 126<br>127  | Н        | $\dashv$        | $\dashv$  | +         | +         | +         | ╅            | +        | $\dashv$  |     |     |     |
| 2           | 8               | H                   |          | $\perp$                 | 士                  | $\pm$        | $\pm$     | 1         |             |           |                             | l     |            | 78   |                         |                | 匚        |                    |                    |            |           |          | J               | t   |   | 128         |          |                 | 士         |           | コ         | 士         | 寸            | $\top$   | $\exists$ |     |     |     |
|             | 9               |                     | _        | $oxed{\Box}$            | Ļ                  | $\bot$       | Ţ         | $\bot$    | $\Box$      | $\Box$    | $\exists$                   |       |            | 79   | F                       |                | $\vdash$ | L                  |                    | _[         | _         | $\Box$   | $\Box$          | -   | $\Box$                                  | 129.        |          |                 | 4         | -[        | 4         | 4         | 4            | 4        | 4         |     |     | - 1 |
|             | 17.             | $\vdash$            |          | ╁                       | ╁                  | +            | +         | +         | $\dashv$    | -         |                             |       |            | 80   | ╁                       | $\vdash$       | $\vdash$ | -                  | $\vdash \vdash$    |            | -         | -        | $\dashv$        | }   |   | 130<br>131  | $\vdash$ | -               | $\dashv$  | -+        | +         | +         | +            | +        | $\dashv$  |     |     |     |
|             | 2               | $\Box$              | _        | T                       | $^{\dagger}$       | $\dagger$    | t         | _         | _           | _         | $\exists$                   | ł     |            | 82   | 1                       |                |          |                    | $\Box$             |            | $\dashv$  |          |                 | ł   |   | 132         |          |                 | ╛         |           |           | ₫         | 士            |          | $\exists$ |     |     |     |
| 3           | 3               |                     | Ξ        | Γ                       | L                  | 1            | 1         | $\exists$ | コ           |           |                             |       |            | 83   |                         |                | Г        |                    |                    | $\Box$     |           | $\Box$   |                 | ļ   |   | 133         | П        |                 | $\supset$ | $\exists$ | 7         | $\bot$    | I            | 耳        | $\Box$    |     |     |     |
| <u> </u>    | 14<br>15        | $\vdash$            | _        | +                       | +                  | +-           | +         | +         | -           | -         | _                           | ļ     |            | 84<br>85                                     | ┼                       | <del> </del> — | -        | $\vdash$           | $\vdash$           | _          | -         |          | $\dashv$        | -   |   | 134<br>135  | Н        | $\vdash$        | -         | +         | $\dashv$  | +         | $\dashv$     | +        | $\dashv$  |     |     |     |
|             | 9               | H                   | _        | +-                      | 十                  | +            | ╁         | +         | -           | $\dashv$  |                             | ł     |            | 86   | +                       | ╁╾             | -        | <del> -</del>      | $\vdash$           | $\dashv$   | $\dashv$  |          | $\vdash$        | ł   |   | 136         | Н        | $\dashv$        | +         | +         | $\dashv$  | +         | _            | _        | $\dashv$  |     |     |     |
| 3           | 17              |                     |          |                         | 1                  |              | 1         |           |             |           |                             | ļ     |            | 87   |                         |                |          |                    |                    |            |           |          |                 | İ   |   | 137         |          | $\square$       | $\Box$    |           | $\Box$    | 丁         | $\sqsupset$  | $\Box$   | $\Box$    |     |     |     |
|             | 8               | Ц                   |          | Ļ                       | F                  | <del> </del> | 4         | _[        | _]          | _         | _                           | [     |            | 88   | ļ_                      | <u> </u>       | $\vdash$ |                    | Ц                  | _          | _         |          |                 | -   |   | 138         | $\vdash$ | $\dashv$        | 4         | 4         | 4         | +         | 4            | 4        | 4         |     |     |     |
|             | 9               | Н                   | _        | +                       | +                  | +            | +         | $\dashv$  | -           | $\dashv$  | -                           |       |            | 89<br>90                                     | +                       | -              | +-       | $\vdash$           | $\vdash$           | $\dashv$   | $\dashv$  | -        | Н               | }   |   | 139<br>140  | $\vdash$ | $\dashv$        | $\dashv$  | +         | $\dashv$  | +         | $\dashv$     | $\dashv$ | $\dashv$  |     |     |     |
|             | 1               | $\vdash \vdash$     |          | 1                       | $^{\dagger}$       | $\dagger$    | $\dagger$ | _†        | _†          | _         | ᅴ                           | Ì     |            | 91   | $\perp$                 |                |          |                    |                    |            | _         |          | $\exists$       | ŀ   |   | 141         |          |                 |           |           |           | 士         | 士            | 士        | $\exists$ |     |     |     |
|             | 2               |                     | _        | oxday                   | I                  | Ţ            | 1         | コ         | $\sqsupset$ | $\Box$    |                             |       |            | 92   |                         |                | 匚        |                    | $\square$          |            | 二         | $\Box$   |                 | Ţ   |   | 142         | П        | П               | $\Box$    | 4         | $\dashv$  | 4         | 4            | $\bot$   | 7         |     |     |     |
|             | 3               | $\vdash \downarrow$ | _        | +                       | +                  | +            | +         | 4         | -           | $\dashv$  |                             |       |            | 93<br>94                                     | +                       | $\vdash$       | -        | $\vdash$           | $\vdash \mid$      | _          | $\dashv$  | $\dashv$ | Н               | }   |   | 143<br>144  | Н        | $\vdash \vdash$ | -+        | $\dashv$  | $\dashv$  | +         | $\dashv$     | $\dashv$ | $\dashv$  |     |     |     |
|             | 15              | Н                   |          | +                       | +                  | +            | +         | $\dashv$  | -           | ᅱ         | $\dashv$                    |       |            | 95   | ╁                       | $\vdash$       | +        | $\vdash$           | $\vdash$           | -          |           | $\dashv$ | H               | 1   | $\neg$                                  | 145         | H        | $\vdash$        | +         | +         | +         | +         | +            | 十        | $\dashv$  |     |     |     |
| 4           | 16              |                     |          | I                       |                    |              | 土         |           |             |           |                             |       |            | 96   | 上                       |                |          |                    |                    |            |           |          |                 | Ì   |   | 146         |          | 口               | コ         |           | コ         | 1         | $\sqsupset$  | $\Box$   | $\exists$ |     |     |     |
|             | 7               | П                   |          | F                       | F                  | Ţ            | 1         | $\bot$    | _           | $\exists$ |                             |       |            | 97   | F                       | F              | F        | $\vdash$           | Ц                  | $\dashv$   | $\dashv$  |          | Ц               | [   |   | 147<br>148  | $\vdash$ | dash            | 4         | 4         | 4         | 4         | 4            | 4        | 4         |     |     |     |
|             | 18<br>19        | Н                   |          | +                       | ╁                  | ╫            | +         | ┥         | $\dashv$    | -         | $\dashv$                    | - 1   |            | 98<br>99                                     |                         | +-             | ╁        | 1-                 | Н                  | $\vdash$   | -         | -        | $\vdash \vdash$ |     |   | 149         | -        | Н               | -         | +         | $\dashv$  | +         | +            | ┥        | $\dashv$  |     |     |     |
|             | 50              | $\Box$              |          | 士                       | 士                  | 土            | 士         | $\exists$ |             |           |                             |       |            | 100  |                         |                | 上        |                    |                    |            |           |          | $\Box$          |     |   | 150         |          | 口               | $\exists$ | 士         | 士         | 士         | 1            |          | J         |     |     |     |